PIONEER PLASMA DISPLAY SYSTEM

QUICK REFERENCE MANUAL

PDP-501HD: Plasma Display Panel
PDP-501R: Media Receiver
PDP-501S-LR: Speakers

TABLE OF CONTENTS

1.0 Choose the Installation Site ................................................................. 2
2.0 Set Up the Display & the Media Receiver .................................................. 2
3.0 Mount the Speakers on the Display ......................................................... 3
4.0 Secure the Display to a Base and/or a Wall ............................................. 4
5.0 The Media Receiver .............................................................................. 5
6.0 The Plasma Display ............................................................................... 7
7.0 Wiring Diagram .................................................................................... 8
8.0 Operating Instructions ......................................................................... 10
9.0 The Remote Control Unit .................................................................. 11
1. **Choose the Installation Site**

The installation site should provide the best combination of the following properties:

- ✓ Both units are positioned away from direct sunlight
- ✓ The Plasma Display has sufficient ventilation *(approximately 8” or more on all sides)*
- ✓ Distance between the display and the media receiver does not exceed the length of the provided cable *(contact your Pioneer Representative if additional distance is needed)*

2. **Set Up the Display & the Media Receiver**

1) Unpack the Media Receiver and remove all packing materials from the area
2) Position the Media Receiver
3) Unpack the Display and remove all packing materials from the area *(the display is extremely fragile and very heavy, at least 2 people are required)*
4) Position the Display

⚠️ The Media Receiver produces significant heat. Please do not put any objects on top of the unit or block the ventilation flow.

⚠️ The enclosed stand is designed to safely support the Plasma Display. Only a qualified technician should attempt to remove the stand or any other components from the Display.
3. MOUNT THE SPEAKERS ON THE DISPLAY

1) Remove the 2 screws from the hole-plugs on each side of the Display
   (1st and 2nd hole-plugs from the bottom)

2) Connect the brackets to the speakers
   (re-attach the small cushion pads if necessary)

3) Mount the speakers on the Display from the bottom bracket to the top
   (Set all screws in place before tightening the brackets to the Display)

4) Hold the speakers firmly against the Display while tightening the screws
   (do not over-torque the mounting screws)

5) Attach the speaker wire-retaining clip as noted in the drawing

▼ Speakers should not be used as handles to move the Display. To move the unit, hold the bottom corners while stabilizing the top.

▼ Pressing on the front cover of the speakers may cause damaged.

▼ Avoid inserting objects or fingers into the speaker grill.
4. **Secure the Display to a Base and/or a Wall**

Follow the instructions listed below to secure the Display to a wall:

1) Remove the Securing hole-plugs from the upper corners of the Display

2) Affix a support bolt and cable to either securing hole on the Display
   (contact your Pioneer Representative for purchase information)

3) Fasten the end of the cable to a pillar or a wall
   (some walls may require hooks sunk into an internal support structure)

4) Repeat the process for the opposite side if needed for additional support

Follow the instructions listed below to secure the Display to a base:

1) Position the Display on a base
   (at least 1 person should support the Display at all times)

2) Place screws through the stand to the base*
   (Set all screws in place before tightening the Display to the base)

3) Hold the Display while tightening the screws
   (do not over-torque the base screws)

* Clamps may be substituted to avoid drilling screw holes for the Display stand.
5. THE MEDIA RECEIVER

Media Receiver PDP-501R

**Stand-By Indicator**
The light turns red when the Power button is pressed and turns green when the unit is functioning.

**Open/Close the Front Door**
Push the upper right corner to open the door. Push and hold the front door to close.

**Input Selector**
Input options are in the following order:
TV > CS > DVD/LD > Video1 > Video 2 > Front > HD > Computer > MUSE

**Headphone Output Terminal**
Speaker automatically turns off when this terminal is used.

**Main Power Button**
Push once to turn on the power. Push again to turn off the power.

**TV Channel Selector**
Select a TV channel with the ± button.

**Volume Controller**
Change the audio with the ± button.

**Front Input Selector**
Select Front Input Computer and Video.

**Computer Input Terminal**
Computer connection

**Video Input Terminal**
Connect a Video Player (i.e. Video Camera, Game Player, etc)

**Clear Button**
Initialize all functions to the factory default settings when this button is pressed for more than 2 seconds.
1. VF/UHF Input Terminal
   connect VHF/UHF broadcasting antenna input

2. Control Input Terminal
   connect other Pioneer equipment and control with a single remote control unit

3. BS-IF Input Terminal
   connect BS (Broadcasting-Satellite) antenna input

4. M-N Converter Input Terminal
   connect MUSE to NTSC converter

5. BS Decoder Output
   connect BS (Broadcasting-Satellite) decoder

6. BS Decoder Input Terminal
   connect BS (Broadcasting-Satellite) decoder

7. CS Input Terminal
   connect another VCR or CLD player, etc in/output

8. Video 1 In/Output Terminals
   connect VCR deck in/output

9. Video 2 In/Output Terminal
   connect another VCR or CLD player, etc in/output

10. DVD Player Input Terminal
    connect DVD or LD player

11. MUSE Input Terminal
    connect MUSE LD player

12. Y/Pb/Pr Input Terminal
    connect HD player

13. Computer Input Terminal
    15pin for Video signal & RCA pin for Audio signal

14. MUSE Decoder Output Terminal
    connect to MUSE VCR, etc

15. System Cable Terminals
    15D-sub pin/4 pin Din/8 pin to Plasma display and Speaker cables to Speakers

16. Audio In/Output Terminal
    connect to an audio amplifier

17. Sub-Woofer output Terminal
    connect to a powered sub-woofer
6. The Plasma Display

Plasma Display PDP-501HD

Stand-By Indicator
Light appears red when the power button is pressed and changes to green when the unit is functional.

Speaker (PDP-501S-LR)
Install Left and Right Speakers

Main Power Switch
Turn the power ON and OFF.
The wiring instructions for the Media Receiver, Plasma Display and the Speakers are shown below:

Connect the System Cable to the Media Receiver (PDP-501R). Then, connect the short Speaker Cable to the Media Receiver.

**Connectors from Left to Right:**
A) to 8pin DIN Control Output  
B) to 4pin DIN Video 1 Output  
C) to 15pin D-Sub Video 2 Output  
D) Ground (GND)  
E) to Left Speaker Terminals (tied black and white cables)  
F) to Right Speaker Terminals (tied black and red cables)

**Rear Side of the Media Receiver (PDP-501R)**

**NOTE:** DO NOT plug in the Power Cable before all other cables are connected to the units.
Connect the System Cable to the Plasma Display (PDP-501HD).

Rear side of the Plasma Display (PDP-501HD)

Please refer to the drawing to locate correct terminals.

Connectors from Left to Right:
A) to Right Speaker Terminals (tied black and red cables)
B) to 15pin D-Sub Video 2 Output
C) Ground (GND)
D) to 8pin DIN Control Output
E) to 4pin DIN Video 1 Output
F) to Left Speaker Terminals (tied black and white cables)

Tighten screws after connecting

USE 100VAC ONLY
Use separately packaged step-down transformer to convert 220-240V to 100V

Remember to connect the GND cable

NOTE: DO NOT plug in the Power Cable before all other cables are connected to the units.
### 8. OPERATING INSTRUCTIONS

To turn on the PDP-501 system, following the instructions listed below:

<table>
<thead>
<tr>
<th>Turn on the power in following order only</th>
<th>Color of the Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Media Receiver</td>
</tr>
<tr>
<td>Turn the power ON to the Media Receiver</td>
<td>Flashing Yellow</td>
</tr>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Turn the power ON to the Plasma Display</td>
<td>Flashing Yellow to Green</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Once both units have been turned ON, continue with the procedure

<table>
<thead>
<tr>
<th>Press the Power On button on the Remote Control</th>
<th>Color of the Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Media Receiver</td>
</tr>
<tr>
<td>3</td>
<td>Green to Red</td>
</tr>
</tbody>
</table>

The PDP-501 is now in Stand-By mode

To turn the power OFF, press the main buttons on the Media Receiver and the Display

**NOTE:** The system will automatically enter Stand-By mode if no signals are received within 8 minutes.

**NOTE:** If the main power is switched off to either the Media Receiver or the Plasma Display, the appropriate indicator light flashes yellow.
9. THE REMOTE CONTROL

POWER button
Press to turn the power on and off (stand by).

INPUT SELECT buttons
These buttons are used for selection of video sources.

MENU button
Displays the on-screen menu, turns off.

VOLUME buttons
Rises (+) or lowers (-) the sound volume levels.

CHANNEL buttons
Changes the channel either by stepping up one channel at a time (+), stepping down one channel at a time (-).

NUMERIC buttons
Selects channels directly by number.

BS CHANNEL buttons
Selects channels of broadcasting of satellite (BS).
- Avoid placing objects between the display and the Remote Control Unit.

- As the battery is drained, the distance needed for a Remote Control Unit to function will become shorter.

- The display radiates weak infrared rays from the screen. When there is interference from another machine, the signal from the Remote Control Unit may be blocked.

- The strength of the infrared rays varies with the displayed picture.